

# Storm Data and Unusual Weather Phenomena

August 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<b>Noble County</b> 5 S Rome City	15	1805EST 1806EST			0	0			Thunderstorm Wind (G60)
<b>De Kalb County</b> Near Waterloo	15	1850EST 1852EST			0	0	1K		Tstm Wind/Hail
Several trees down on County Road 20 near Waterloo.									
<b>Defiance County</b> Defiance	15	1940EST 1941EST			0	0			Thunderstorm Wind (G65)
<b>Lagrange County</b> North Twin Lake	16	0605EST 0606EST			0	0	2K		Tstm Wind/Hail
10 inch diamter trees down. Power lines down on 650N between 200W and 150W. Roads blocked temporarily.									
<b>De Kalb County</b> Across County	16	2030EST 2300EST			0	0	25K		Flash Flood
Three to four plus inches of rain across county caused widespread road flooding with cars abandoned.									
<b>Lagrange County</b> Southern Half Cnty	16	2215EST 2300EST			0	0	1K		Flash Flood
Widespread flooding caused by three plus inches of rain across southern half of county.									
<b>Defiance County</b> Hicksville to Western Half County	16	2220EST 2320EST			0	0	5K		Flash Flood
Four plus inches of rain put many county roads underwater with several cars abandoned.									
<b>Allen County</b> Near Leo to Northeast County	16	2300EST 2345EST			0	0	5K		Flash Flood
Three and one half inches rain in northeast allen county put many roads underwater and cars were abandoned.									
<b>Whitley County</b> Near South Whitley	16	2320EST 2350EST			0	0			Flash Flood
Southern part of county had heavy rain causing road flooding and flooded basements around South Whitley.									

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## INDIANA, Northwest

<b>La Porte County</b> <b>8 ESE La Porte</b>	<b>16</b>	<b>1930EST</b> <b>2000EST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>0</b>			<b>Tornado (F0)</b>
A short and narrow tornado tore a path through a corn field.									
<b>St. Joseph County</b> <b>1 N South Bend</b>	<b>16</b>	<b>2003EST</b> <b>2022EST</b>			<b>0</b>	<b>0</b>			<b>Hail (1.75)</b>
<b>St. Joseph County</b> <b>Lakeville</b>	<b>16</b>	<b>2022EST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>0</b>			<b>Tornado (F0)</b>
A short, narrow tornado touched down briefly between Lakeville and LaPaz. A semi was blown over on highway 31.									

## MICHIGAN, West

<b>Branch County</b> <b>East Long Lake</b>	<b>16</b>	<b>0600EST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Thunderstorm Wind</b>
Thunderstorm winds stripped the tops off 3-4 mature maple trees and 5 cottages along East Long Lake received minor damage.									
<b>Hillsdale County</b> <b>Hillsdale</b>	<b>16</b>	<b>0621EST</b>			<b>0</b>	<b>0</b>	<b>2.5K</b>		<b>Thunderstorm Wind</b>
Minor tree damage reported, with limbs strewn along portions of U.S. Highway 12.									
<b>Hillsdale County</b> <b>Moscow</b>	<b>16</b>	<b>0625EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Scattered reports of trees and power lines downed across Moscow Township.									
<b>Cass County</b> <b>Jones</b>	<b>16</b>	<b>1315EST</b>			<b>0</b>	<b>0</b>	<b>2.5K</b>		<b>Thunderstorm Wind</b>
Cass Central Dispatch reported trees downed near Jones.									
<b>Cass County</b> <b>Marcellus</b>	<b>16</b>	<b>1315EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Trees downed in Marcellus.									
<b>St. Joseph County</b> <b>Three Rivers</b>	<b>16</b>	<b>1330EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Trees downed across the Three Rivers area.									
<b>Branch County</b> <b>Kinderhook</b>	<b>16</b>	<b>1410EST</b>			<b>0</b>	<b>0</b>	<b>2.5K</b>		<b>Thunderstorm Wind</b>
A National Weather Service spotter reported several 4 to 5 inch diameter limbs downed 5 miles north of Kinderhook.									
<b>St. Joseph County</b> <b>County-Wide</b>	<b>16</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Scattered reports of trees downed across St. Joseph County.									
<b>Hillsdale County</b> <b>Litchfield</b>	<b>16</b>	<b>1445EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Hillsdale County Central Dispatch reported trees downed in Litchfield.									
<b>Hillsdale County</b> <b>Osseo</b>	<b>16</b>	<b>1505EST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind</b>
Hillsdale County Central Dispatch reported power lines downed in Osseo and Jefferson Township.									
<b>St. Joseph County</b> <b>Three Rivers</b>	<b>16</b>	<b>1520EST</b>			<b>0</b>	<b>0</b>	<b>2.5K</b>		<b>Thunderstorm Wind</b>
Scattered reports of trees downed across Three Rivers area.									
<b>Cass County</b> <b>Edwardsburg</b>	<b>16</b>	<b>1555EST</b>			<b>0</b>	<b>0</b>			<b>Hail (1.50)</b>

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## MICHIGAN, West

A trained National Weather Service spotter reported golfball-sized hail in Edwardsburg.

### **Berrien County**

#### **Michiana**

**16 1910EST**

**0 0**

**Waterspout**

Local law enforcement officials sighted a waterspout approximately 5 miles west of Michiana, just offshore, over Lake Michigan. The waterspout dissipated before moving ashore.

### **St. Joseph County**

#### **Three Rivers**

**16 1910EST**

**0 0 10K**

**Thunderstorm Wind**

The Three Rivers Police Department and weather spotters reported several large tree limbs downed in the city. American Electric Power reported 12 transformer losses and a broken utility pole, which resulted in approximately 1,500 power outages.

### **Berrien County**

#### **Grand Beach**

**16 1930EST**

**0 0 5K**

**Thunderstorm Wind**

Berrien County Central Dispatch reported several large tree limbs downed and pea-sized hail in Grand Beach. One tree fell in the Three Oaks area and 3,000 American Electric Power customers lost power due to lightning strikes and downed limbs.

### **Cass County**

#### **Jones**

**16 2045EST**

**0 0 20K**

**Thunderstorm Wind**

The Cass County Road Commission reported numerous trees downed in the Birch Lake area of Porter Township, resulting in about 3,000 power outages there. Trees were reported downed south of Michigan Highway 60 along Michigan Highway 40 in Porter Township.

### **St. Joseph County**

#### **Centreville**

**16 2110EST**

**0 0 2.5K**

**Thunderstorm Wind**

St. Joseph County Central Dispatch reported a few trees downed in Centreville.

### **St. Joseph County**

#### **White Pigeon**

**16 2110EST**

**0 0 5K**

**Thunderstorm Wind**

St. Joseph County Central Dispatch reported trees downed and minor street flooding in the White Pigeon area.

### **St. Joseph County**

#### **Sturgis**

**16 2115EST**

**0 0 5K**

**Thunderstorm Wind**

St. Joseph County Central Dispatch reported trees downed and minor street flooding in Sturgis.

On Saturday, August 16, 1997, a cold front moved slowly south across Michigan's Lower Peninsula. One low pressure wave moved along the front early that morning, resulting in severe thunderstorm development over south central Lower Michigan. Later that afternoon, with very humid and unstable air in place across far southern Lower Michigan, another frontal wave caused severe thunderstorm development along the southern 2 tier of counties across southern Michigan. The thunderstorms produced heavy rainfall amounts of 2 to 5 inches in the counties bordering northern Indiana and northern Ohio, along with isolated reports of wind damage from 60 mph thunderstorm wind gusts. One thunderstorm produced golfball-sized hail in Edwardsburg in Cass County on Saturday afternoon. Local utility companies reported approximately 55,000 power outages during the afternoon and evening across far southern Michigan, most a result of lightning strikes, but some due to downed trees and utility poles.

## OHIO, North

### **Fulton County**

#### **Swanton**

**16 0730EST**

**0 0 10K**

**Thunderstorm Wind**

Numerous trees and power lines were downed.

### **Fulton County**

#### **Countywide**

**16 1615EST**

**0 0 5K**

**Thunderstorm Wind**

Trees were downed.

## OHIO, Southwest

### **Putnam County**

#### **Pandora**

**16 1835EST  
1838EST**

**0 0**

**Hail (0.75)**

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### OHIO, Southwest

#### Putnam County

##### Ottawa

16	2000EST 2145EST	0	0	5K	Flood
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Several hours of thunderstorms with torrential downpours caused many roads to be flooded.